

## Freeform Search

**Database:** US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Term:** l15 and l16

**Display:** 100 **Documents in Display Format:** Tl **Starting with Number** 1

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

### Search History

**DATE:** Wednesday, March 17, 2004 [Printable Copy](#) [Create Case](#)

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L17</u>	l15 and l16	36	<u>L17</u>
<u>L16</u>	blend and l6	17148	<u>L16</u>
<u>L15</u>	l12 or l13 or L14	274	<u>L15</u>
<u>L14</u>	525/54.32.ccls.	40	<u>L14</u>
<u>L13</u>	525/54.31.ccls.	107	<u>L13</u>
<u>L12</u>	525/54.3.ccls.	207	<u>L12</u>
<u>L11</u>	54.3.ccls.	0	<u>L11</u>
<u>L10</u>	('6566406'  '6552124'  '6500897')!.PN.	3	<u>L10</u>
<u>L9</u>	l8 not l3	3	<u>L9</u>
<u>L8</u>	('6566406'  '6552124'  '6579934'  '6500897')!.PN.	4	<u>L8</u>
<u>L7</u>	L6.ab. and l5	66	<u>L7</u>
<u>L6</u>	graft or grafted or grafting	61628	<u>L6</u>
<u>L5</u>	L4.ab.	2787	<u>L5</u>
<u>L4</u>	biodegradable or biodegradeable or biodegradability	23399	<u>L4</u>
<u>L3</u>	('5945480'  '5679421'  '6579934')!.PN.	3	<u>L3</u>
<u>L2</u>	('5945480'  '5679421')!.PN.	2	<u>L2</u>

(FILE 'HOME' ENTERED AT 16:19:32 ON 17 MAR 2004)

FILE 'CAPLUS' ENTERED AT 16:20:32 ON 17 MAR 2004

L1 2247 S ?BUTYRATE? (4A) ?VALERATE?  
L2 124065 S ?GRAFT?  
L3 29 S L1 AND L2

=>

L3 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:759389 CAPLUS  
 DN 126:108871  
 ED Entered STN: 30 Dec 1996  
 TI Reactive processing - property relationships in biodegradable blends  
 useful for prosthesis application  
 AU Grimaldi, M.; Immirzi, B.; Malinconico, M.; Martuscelli, E.; Orsello, G.;  
 Rizzo, A.; Volpe, M. Grazia  
 CS Inst. Res. Technology Plastic Materials, Arco Felice, 6 80072, Italy  
 SO Journal of Materials Science (1996), 31(23), 6155-6162  
 CODEN: JMTSAS; ISSN: 0022-2461  
 PB Chapman & Hall  
 DT Journal  
 LA English  
 CC 63-7 (Pharmaceuticals)  
 Section cross-reference(s): 37  
 AB Reaction injection molding of blend samples of poly( $\beta$ -  
**hydroxybutyrate-co- $\beta$ -hydroxyvalerate**) (PHBV) and  
 poly( $\epsilon$ -caprolactone) (PCL) was performed in the presence of  
 peroxide. The blends were compared to mech. PHBV/PCL blends obtained in  
 the absence of peroxides. Differences in chemical phys. and mech. properties  
 are interpreted on the basis of **intergrafted** species present in  
 the peroxide-treated blends. The blends are proposed as versatile  
 materials for applications for bioresorbable prostheses.  
 ST biodegradable polyester blend prosthesis  
 IT Prosthetic materials and Prosthetics  
 (biodegradable blends for prosthesis application)  
 IT Polyesters, biological studies  
 RL: POF (Polymer in formulation); PRP (Properties); THU (Therapeutic use);  
 BIOL (Biological study); USES (Uses)  
 (polymer blends; biodegradable blends for prosthesis application)  
 IT Polymer morphology  
 (surface; biodegradable blends for prosthesis application)  
 IT 25248-42-4, Poly[oxy(1-oxo-1,6-hexanediyl)]  
 RL: POF (Polymer in formulation); PRP (Properties); THU (Therapeutic use);  
 BIOL (Biological study); USES (Uses)  
 (biodegradable blends for prosthesis application)  
 IT 80181-31-3,  $\beta$ -Hydroxybutyric acid- $\beta$ -hydroxyvaleric acid  
 copolymer  
 RL: POF (Polymer in formulation); PRP (Properties); THU (Therapeutic use);  
 BIOL (Biological study); USES (Uses)  
 (polycaprolactone blends; biodegradable blends for prosthesis  
 application)  
 IT 24980-41-4, Poly( $\epsilon$ -caprolactone)  
 RL: POF (Polymer in formulation); PRP (Properties); THU (Therapeutic use);  
 BIOL (Biological study); USES (Uses)  
 (polyester blends; biodegradable blends for prosthesis application)

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